H	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
	7	("6,454,860").PN	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/13 09:52
05	10225	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00
79	6962	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00
24	2466	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00
4	479	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00
26	2622	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00
72	7216	261/113.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00
303	30313	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.35.ccls. or 137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.01.ccls. or 137/590.05.599.07.ccls. or 137/502.ccls. or 141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls. or 261/146-147.ccls. or 261/150.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls. or 261/23.1.ccls. or 261/160-102.ccls. or 261/105.ccls. or 261/105.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00

2130 (118/723e.ccls. or 118/723er.ccls. or 156/345.43-345	 cls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	NO	2006/04/13 10:00	0:00
10225   118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.	 or 136/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	NO	2006/04/13 10:00	0:00
7969 137/262-264 ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	 or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	0:00
2466 141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	 s. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	0:00
479 261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	 Ś	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	0:00
2622 261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	 61/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	0:00
7216 261/64.1.ccls. or 261/165.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/108-ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	 or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or	US-PGPUB; USPAT; · EPO; JPO; DERWENT ; IBM_TDB	OR	NO O	2006/04/13 10:00	0:00
(118/715.ccls. or 118/728.ccls. or 126/345.39.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 137/561.ccls. or 141/361.ccls. or 141/37.ccls. or 141/37.ccls. or 141/37.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/100-102.ccls. or 261/100-102.ccls. or 261/100-102.ccls. or 261/100-102.ccls. or 261/100-102.ccls. or 261/113.ccls. or 261/113.ccls	 3/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or cls.) or (137/262-264.ccls. or 137/560.ccls. or 137/561r.ccls. or or 137/594-596.ccls. or 137/599-01.ccls. or 137/594-596.ccls. or 137/599-01.ccls. or 137/594-596.ccls. or 141/367.ccls. or 141/344-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/141.1.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO .	2006/04/13 10:00	0:00
31858 L9 or L16		US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	0:00

1	2130	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04	2006/04/13 10:00
**1	30313	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 137/560.ccls. or 137/560.ccls. or 137/560.ccls. or 137/560.ccls. or 137/560.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 141/37.ccls. or 261/144.47.ccls. or 141/367.ccls. or 261/146-147.ccls. or 261/150.ccls. or 261/19-22.ccls. or 261/20-10.ccls. or 261/190.ccls. or 261/190.ccls. or 261/190.102.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/105.ccls. or 261/101.13.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04	2006/04/13 10:00
	31858	L18 or L19	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/0	2006/04/13 10:00
	10225	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04	2006/04/13 10:00
	7969	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04	2006/04/13 10:00
	2466	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04	2006/04/13 10:00
	479	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04	2006/04/13 10:00
	2622	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04	2006/04/13 10:00
	7216	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04	2006/04/13 10:00

1991   1917   2011   1917   2011   1917   2011   1917   2011   1917   2011   1917   2011								
1187723e ccls or 1187723e ccls or 1187723e ccls or 156745.43-45.47.cth   10274.   1187723e ccls or 1187724ccls or 156745.35 ccls or 175560 ccls or 177560 ccls or 177570 c	127	30313	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/4561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/599.01.ccls. or 137/599.05.csls. or 137/599.01.ccls. or 137/599.05.599.07.ccls. or 137/5971.571.571.571.571.571.571.571.571.571.5	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	
19722   11871   Sectis or 118738 cale or 11879452   Cecis or 156734533 cels or 156734533 cels or 156734535 cels or 15673453 cels or 157726 cels or 1377262   Cecis or 1377262   Cecis or 137726   Cecis or 137727   Cecis or 261737   Ceci	L28	2130	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	
7969 1377062-266.ccls or 137/494.2 or 137/590.0cls or 137/560.ccls or 137/590.ccls or 137/590.0cls or 137/590.0cls or 137/590.0ccls or 147/590.0ccls or 1567/450.0ccls or 1667/450.0ccls o	L29	10225	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	
2622 261/127.ccts. or 261/131.ccts. or 261/146-147.ccts. or 141/54.ccts. or 141/50.2ccts. or 141/567.ccts. or 261/131.ccts. or 261/146-147.ccts. or 156/345.33.ccts. or 156/345.32.ccts. or 156/345.30.ccts. or 156/345.30.ccts	L30	7969	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	
479 261/127.cels. or 261/131.cels. or 261/146-147.cels. or 261/150.cels.  2622 261/19-22.cels. or 261/231.cels. or 261/40.cels. or 261/42.cels. or 261/43.29.cels. or 186/345.39.cels. or 186/345.30.cels. or 286/146-14.cels. or 286/	ដោ	2466	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	
2622 261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/40.ccls. or 261/40.ccls. or 261/40.ccls. or 261/100-102.ccls. or 261/100-102.ccls. or 261/103-ccls. or 261/113.ccls. or 261/114.1.ccls.  261/113.ccls. or 261/114.1.ccls. 261/113.ccls. or 118/728.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.29.ccls. or 137/54-596.ccls. or 137/54-596.ccls. or 137/54-596.ccls. or 137/54-596.ccls. or 137/54-596.ccls. or 141/447.ccls. or 141/447.ccls. or 141/347.ccls. or 261/113.ccls. or 261/113.ccls. or 261/113.ccls. or 261/113.ccls. or 261/113.ccls. or 261/146-147.ccls. or 261/164-16.ccls. or 261/164.1ccls.	L32	479	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	
261/113.ccls. or 261/75-76.ccls. or 261/75-76.ccls. or 261/100-102.ccls. or 261/108-109.ccls. or 261/104-96.ccls. or 261/100-102.ccls. or 261/108-109.ccls. or 18/728.ccls. or 118/728.ccls. or 137/59.ccls. or 137/590.ccls. or 141/37.ccls. or 141/37.ccls. or 141/37.ccls. or 141/37.ccls. or 261/146-147.ccls. or 261/146-147.ccls. or 261/150.ccls. or 261/160-102.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/113.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/113.ccls. or 261/113.ccls. or 261/113.ccls. or 261/114.1.ccls.)	L33	2622		US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	
30313 (118/715.ccls. or 118/728.ccls. or 156/345.29.ccls. or 156/345.29.ccls. or 156/345.29.ccls. or 156/345.29.ccls. or 156/345.29.ccls. or 156/345.30.ccls. or 156/345.30.ccls. or 156/345.30.ccls. or 156/345.30.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 141/37.ccls. or 141/37.ccls. or 261/146.147.ccls. or 261/146.147.ccls. or 261/19-22.ccls. or 261/23.1.ccls. or 261/100-102.ccls. or 261/113.ccls. or 261/113.cc	L34	7216	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	
	L35	30313	(118/715 cels. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.05.599.07.ccls. or 137/590.05.ccls. or 141/37.ccls. or 141/37.ccls. or 141/37.ccls. or 141/37.ccls. or 141/361.ccls. or 141/361.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/40.ccls. or 261/131.ccls. or 261/1146-147.ccls. or 261/1141.ccls. or 261/15-76.ccls. or 261/100-102.ccls. or 261/100-102.ccls. or 261/100-102.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	

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L36	31858	L28 or L35	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	00:0
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L38	30313	(118/715 ccls. or 118/728 ccls. or 118/50.ccls. or 156/345.29 ccls. or 156/345.33.ccls. or 156/345.34 ccls. or 156/345.55 ccls. or 156/345.51 ccls.) or (137/262-264 ccls. or 137/454.2 or 137/560 ccls. or 137/561 ccls.) or (137/262-264 ccls. or 137/454.2 or 137/560 ccls. or 137/561 ccls. or 137/561 ccls. or 137/590.01 ccls. or 137/590.05 ccls. or 137/590.05 ccls. or 137/590.05 ccls. or 141/367 ccls. or 141/37 ccls. or 141/37 ccls. or 141/44-47 ccls. or 141/54 ccls. or 141/301-302 ccls. or 141/367 ccls. or 261/146-147 ccls. or 261/150 ccls. or 261/1301-302 ccls. or 261/160-102 ccls. or 261/100-102 ccls. or 261/100-102 ccls. or 261/1005 ccls. or 261/100-102 ccls. or 261/105 ccls. or 261/100-102 ccls. or 261/105 ccls. or 261/104-11 ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	00:0
L39	31858	L37 or L38	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	00:0
L40	2	."2004066514").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/13 10:00	00:0
147	10225	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.26.ccls. or 156/345.26.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	00:0
L42	7969	137/262-264 ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	00:0
L43	2466	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	00:0
L44	479	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	00:0

L45	2622	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	00:00
L46	7216	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/108-109.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	00:0
1.47	30313	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.55.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561.ccls.) or (137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/590.01.ccls. or 137/590.05.ccls. or 137/590.05.ccls. or 137/590.05.ccls. or 141/367.ccls. or 141/37.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/231.ccls. or 261/40.ccls. or 261/40.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	00:0
L48	2130	(118/723e.ccis. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	00:0
L49	10225	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	0:00
L50	7969	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	00:0
LSI	2466	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	00:0
L52	479	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	00:0
L53	2622	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	00:0

# **EAST Search History**

L54	7216	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/108-109.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	0
L55	30313	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 137/560.ccls. or 137/561.ccls. or 137/560.ccls. or 137/590.ccls. or 137/594.596.ccls. or 137/599.01.ccls. or 137/599.07.ccls. or 137/590.ccls. or 141/37.ccls. or 141/37.ccls. or 141/37.ccls. or 141/367.ccls. or 141/367.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/64.1.ccls. or 261/161.100.102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	0
726	31858	L48 or L55	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	0
L57	2130	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	0
L58	30313	(118/715 ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.39.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 136/345.36.ccls. or 136/345.26.ccls. or 137/560.ccls. or 137/560.ccls. or 137/560.ccls. or 137/560.ccls. or 137/560.ccls. or 137/560.ccls. or 137/590.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/64.1.ccls. or 261/64.1.ccls. or 261/13.1.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	0
L.59	31858	L57 or L58	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	0
P.60	10225	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	0
T91	7969	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/599.01.ccls. or 137/599.02.ccls. or 137/599.03.ccls. or 137/599.03.ccls. or 137/599.03.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00	0
L62	2466	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00	0

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 479	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/	2006/04/13 10:00
2622	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N N	2006/	2006/04/13 10:00
 7216	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/108-ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/	2006/04/13 10:00
 30313	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 137/560.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.0ccls. or 141/37.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/540-302.ccls. or 141/367.ccls. or 261/146-147.ccls. or 261/150.ccls. or 261/1301-302.ccls. or 261/160-102.ccls. or 261/160-102.ccls. or 261/160-102.ccls. or 261/160-102.ccls. or 261/160-102.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/	2006/04/13 10:00
 2130	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/	2006/04/13 10:00
 10225	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.26.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/	2006/04/13 10:00
 1969	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/	2006/04/13 10:00
 2466	141/285-286 ccls. or 141/37 ccls. or 141/44-47 ccls. or 141/54 ccls. or 141/301-302 ccls. or 141/367 ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/	2006/04/13 10:00
 479	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/	2006/04/13 10:00

# **EAST Search History**

L72	2622	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N <sub>O</sub>	2006/04/13 10:00
L73	7216	261/64.1.ccls. or 261/15.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00
L74	30313	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/561.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 141/37.ccls. or 141/37.ccls. or 141/37.ccls. or 261/146-147.ccls. or 261/150.ccls. or 261/146-147.ccls. or 261/165.ccls. or 261/165.ccls. or 261/165.ccls. or 261/165.ccls. or 261/167.ccls. or 261/100-102.ccls. or 261/108-109.ccls. or 261/113.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	<u>v</u>	2006/04/13 10:00
L75	31858	L67 or L74	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/13 10:00
7.76	2130	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO CO	2006/04/13 10:00
L77	30313	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.25.ccls. or 137/561.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.05-599.07.ccls. or 137/502.ccls. or 141/37.ccls. or 141/37.ccls. or 141/34.47.ccls. or 141/54.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/197.ccls. or 261/162-63.ccls.) or (261/641.ccls. or 261/641.ccls. or 261/161.13.ccls. or 261/113.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00
L78	31858	. L76 or L77	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO O	2006/04/13 10:00
L79	20	JANAKIRAMAN-KARTHIK.in. or INGLE-NITIN.in. or UAN-ZHENG.in. or GIANOULAKIS-STEVEN.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT : IBM_TDB	OR	NO O	2006/04/13 10:00
L80	7	(("2002192370") or ("2004060514")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/13 10:00

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## **EAST Search History**

L81	0	(("2002192370") or ("2004060514")).PN.	US-PGPUB	OR	OFF	2006/04/13 10:00
L82	348	L75 and ((holes or orifice) with ((width and depth) or dimensions))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	Z O	2006/04/13 10:00
L83	7	"6024799".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:00
L84	∞	(("20030209323") or ("6444039") or ("6024799") or ("5812403") or ("5728223") or ("5567267") or ("5264040") or ("4989541")).   PN.	US-PGPUB; USPAT	OR	OFF	2006/04/13 10:00
F87	-	("6106663").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/13 10:00
987	=	("4637853"   "4854263"   "5074456"   "5534751"   "5593540"   "5849641").PN. OR ("6106663").URPN.	US-PGPUB; USPAT; USOCR	OR	NO	2006/04/13 10:00
L87	13	("4854263"   "5472565"   "5500249"   "5595606"   "5714031"   "5728223").PN. OR ("6024799").URPN.	US-PGPUB; USPAT; USOCR	OR	NO	2006/04/13 10:00
F88	14	(US-20030140851-\$ or US-20040200499-\$ or US-20040216844-\$ or US-20030209323-\$).did. or (US-6024799-\$ or US-6793733-\$ or US-6830624-\$ or US-6444039-\$ or US-5812403-\$ or US-5728223-\$ or US-5567267-\$ or US-5264040-\$ or US-4989541-\$ or US-6106663-\$ or US-6436193-\$ or US-6454860-\$).did.	US-PGPUB; USPAT	OR	NO	2006/04/13 10:00
687	41	(US-20030140851-\$ or US-20030209323-\$ or US-20040200499-\$ or US-20040216844-\$).did. or (US-4989541-\$ or US-5264040-\$ or US-5567267-\$ or US-5728223-\$ or US-5812403-\$ or US-6024799-\$ or US-6106663-\$ or US-6436193-\$ or US-6444039-\$ or US-6454860-\$ or US-6793733-\$ or US-6830624-\$).did.	US-PGPUB; USPAT	OR	NO	2006/04/13 10:00
F 100	_	("6079356").PN.	USPAT	OR	OFF	2006/04/13 10:00
163	15	(US-20030140851-\$ or US-20030209323-\$ or US-20040200499-\$ or US-20040216844-\$).did. or (US-4989541-\$ or US-5264040-\$ or US-5567267-\$ or US-5728223-\$ or US-5812403-\$ or US-6024799-\$ or US-6106663-\$ or US-6436193-\$ or US-6444039-\$ or US-645860-\$ or US-6793733-\$ or US-6830624-\$ or US-6079356-\$).did.	US-PGPUB; USPAT	OR	NO	2006/04/13 10:00
L92	_	"6,454,860".PN.	US-PGPUB; USPAT	OR	NO	2006/04/13 10:00
L93	9	(("4792378") or ("4854263") or ("6565661")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/13 10:00
L94	9	(("4,981,722") or ("5,683,518") or ("4,931,132")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/13 10:00
L95	3	(("4,981,722") or ("5,683,518") or ("4,931,132")).PN.	USPAT	OR	OFF	2006/04/13 10:00

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967	2	2   ("6,454,860").PN.	JB,	OR	OFF	2006/04/13 10:08
			USPAT; EPO; JPO; DERWENT ; IBM_TDB			
L97	15481	(wafer or substrate) and (?% with thickness)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:49
Г.98	7	97 and (holes with (pressure adj1 drop))		OR	N O	2006/04/13 10:10
667	291	97 and (pressure adj1 drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:10
L100	284	99 not 98	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:10
L101	207	100 and (reactor or chamber or vessel)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/13 10:11
L102	252	(wafer or substrate) and (?% and thickness) and pressure	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 10:49